

ABSTRACT

Provided is a basic metal nitrate suitable as an oxidizing agent for a gas generating agent, which is a basic metal nitrate having a good thermal stability and meeting at least one requirement of the following (a) to (d):

(a) a particle diameter of 0.5 to 40 μm ; (b) a degree of crystallinity having 0.4 deg or less of a half band width of the peak in the X-ray analysis; (c) an initiation temperature of weight loss being 220°C or higher according to TG-DTA analysis; and (d) an impurity content of 1,000 ppm or less based on Na atom. Further provided is a gas generating composition which has a low toxicity, a high burning rate and a low combustion temperature and which is used in a gas generator for an air bag. The gas generating composition comprises (a) tetrazole derivatives, guanidine derivatives or a mixture thereof, (b) a basic metal nitrate and (c) a binder and/or a slag-forming agent.

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